

CLAIMS

1. Printer module for mounting in a shop scale, with a base plate (1), which has:

- a mounting area for a first unwinding bearing (4), which holds a first supply roll (5) of a strip-like medium to be printed, and

- a mounting area for a first printing mechanism (6), which comprises a transport roll (7) with a rotary drive and a print head (16) opposite the transport roll (7),

characterized in that the base plate (1) has

- a mounting area for a second unwinding bearing (17), which holds a second supply roll (18) of a strip-like medium to be printed, and

- a mounting area for a second printing mechanism (6'), which comprises a transport roll (7') with a rotary drive and a print head (16') opposite the transport roll (7').

2. Printer module according to Claim 1, characterized in that the base plate (1) has a mounting area for a take-up spool (19) with a rotary drive.

3. Printer module according to Claim 1 or Claim 2, characterized in that at least one of the two unwinding bearings

(4, 17) is in a position from which the strip-like medium can be guided optionally either to the first printing mechanism (6) or to the second printing mechanism (6').

4. Printer module according to one of Claims 1-3, characterized in that each rotary drive has an electric motor (12, 12', 26) with a takeoff shaft perpendicular to the base plate (1) and a gear assembly, the drive wheel (10, 10', 24) of which meshes with a pinion (11, 11', 25) seated on the takeoff shaft of the electric motor (12, 12', 26), whereas its takeoff wheel (8, 8') is connected nonrotatably to the drive shaft of the transport roll (7, 7') or of the take-up spool (19), the drive shaft being perpendicular to the base plate (1).

5. Printer module according to Claim 4, characterized in that the electric motors (12, 12', 26), the unwinding bearings (4, 17), the printing mechanisms (6, 6'), and the take-up spool (19) are arranged on one side of the base plate (1), whereas the gear assemblies are arranged on the other side of the base plate (1).

6. Printer module according to one of Claims 1-5, characterized in that common electronics are provided for both printing mechanisms (6, 6').

7. Printer module according to Claim 6, characterized in that the control electronics are provided on a circuit board (27) extending parallel to the base plate (1).

8. Printer module according to one of Claims 1-7, characterized by a housing (28) enclosing the assembly, in which housing an outlet slot (31, 31') is provided for each printing mechanism to allow the strip-like medium (32, 32') printed by the associated printing mechanism to exit.

9. Printer module according to Claim 8, characterized in that the housing (28) is mounted on the substructure (33) of the shop scale serving to support the weighing platform (35).

10. Printer module according to Claim 9, characterized in that an input keyboard (34) is mounted on the housing (38) a certain distance away from the weighing platform (35).

11. Printer module according to Claim 10, characterized in that the two outlet slots (31, 31') are located in areas of the housing (28) close to the input keyboard (34).

12. Printer module according to Claim 10 or Claim 11, characterized in that a visual display device (38) is mounted on the input keyboard (34).